

Abstract of the Disclosure

5 A cache with a database system that contains a subset of the objects stored in another database system. The cache database system responds to a request that contains a reference to an object that is not in the cache by redirecting the request to the other database system when the request is executed in the cache's database system. Redirection is done by rewriting requests that refer to objects that are not in the cache. In one kind of rewriting, a cursor is marked to indicate redirection, and when the cursor is executed in the cache database system, it is redirected to the
10 other database system for execution. In the other kind, calls to stored procedures that are not present in the cache database system are rewritten as remote procedure calls to the stored procedures in the other database system.

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5 A cache with a database system that contains a subset of the objects stored in another database system. The cache database system ~~in the cache~~ responds to a request that contains a reference to an object that ~~does not belong to the subset~~ is not in the cache by redirecting the request to the other database system when the request is executed in the cache's database system. ~~The cache's database system is part of a distributed database system with replication and contains a materialized view of the contents of the other database system. The cache database system does~~
10 ~~the redirection~~ Redirection is done by rewriting requests ~~received in the database system~~ that refer to objects that are not in the ~~subset~~ cache. ~~The cache database system is a relational database system, and when an SQL statement is parsed and the parser finds that the statement refers to an object that is not in the subset, the cursor corresponding to the SQL statement~~ In one kind of rewriting, a cursor is marked to indicate redirection, and when the cursor is executed in
15 the cache database system, it is redirected to the other database system for execution. ~~The cache database system handles redirection of~~ In the other kind, calls to stored procedures that are not present in the cache database system ~~by rewriting the calls~~ are rewritten as remote procedure calls to the stored procedures in the other database system.

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